



Environmental Enterprise Group, Inc. 1345 Barracks Rd.
North Charleston, SC 29405
TEL (843) 202-8008
FAX (843) 202-8001
http://www.eeginc.net



Ser 319 October 23, 2002

Mr. Michael Bishop Bureau of Water 2600 Bull Street Columbia, SC 29201-1708

Re: Charleston Naval Complex FDS Monitoring Wells abandoned at SC DHEC Site #01183

Dear Mr. Bishop,

Please find enclosed Water Well Records, DHEC form 1903, for the Monitoring Wells listed below that have been abandoned at Area 8 of the Charleston Naval Complex Fuel Distribution System. EEG, Inc. was requested to forward these forms for work performed under a contractual agreement with CH2M-Jones, LLC.

#### SC DHEC # 01183

Area 8

FDSGW08A

FDSGW08B

FDSGW08C

FDSGW08D

If there are any questions or if more information is needed, please contact Leonard DiAsio at (843) 202-8082.

Sincerely, Leward Davi

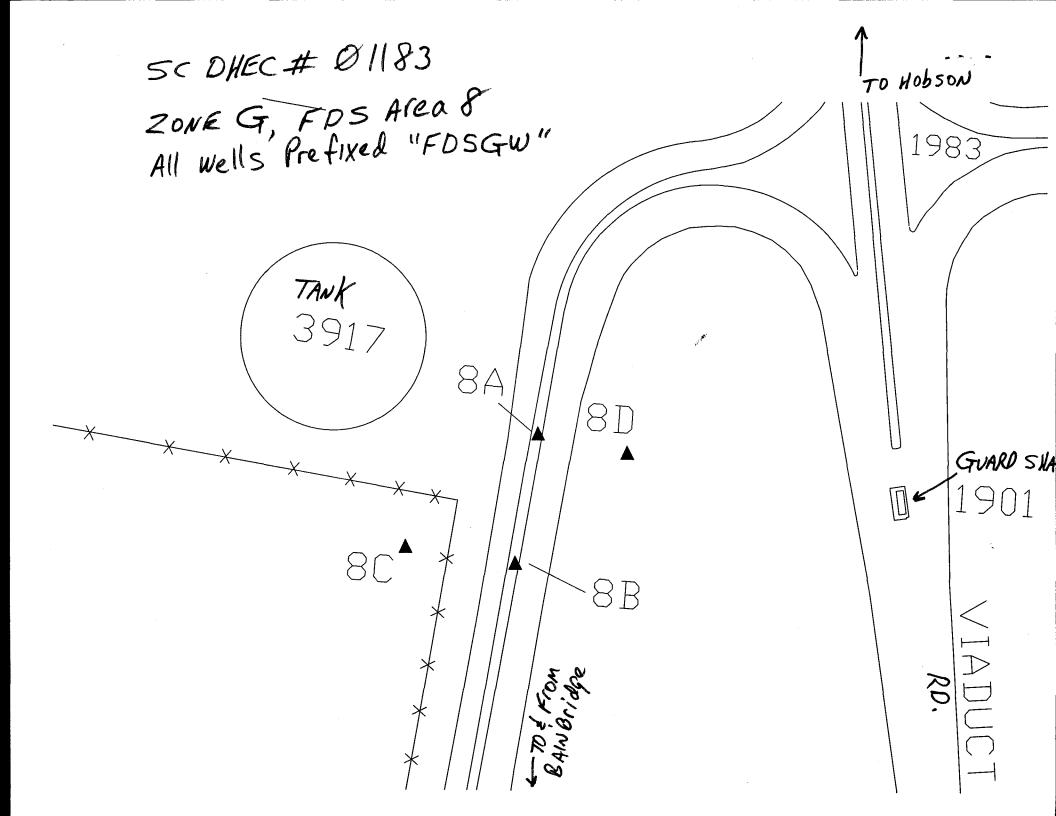
Leonard DiAsio

Encl.: DHEC form 1903, Water Well Records

Cc: Mr. Paul Bergstrand, RCRA Hydrology Section, Bureau of Land and Waste Management, 2600 Bull St., Columbia, SC 29201-1708

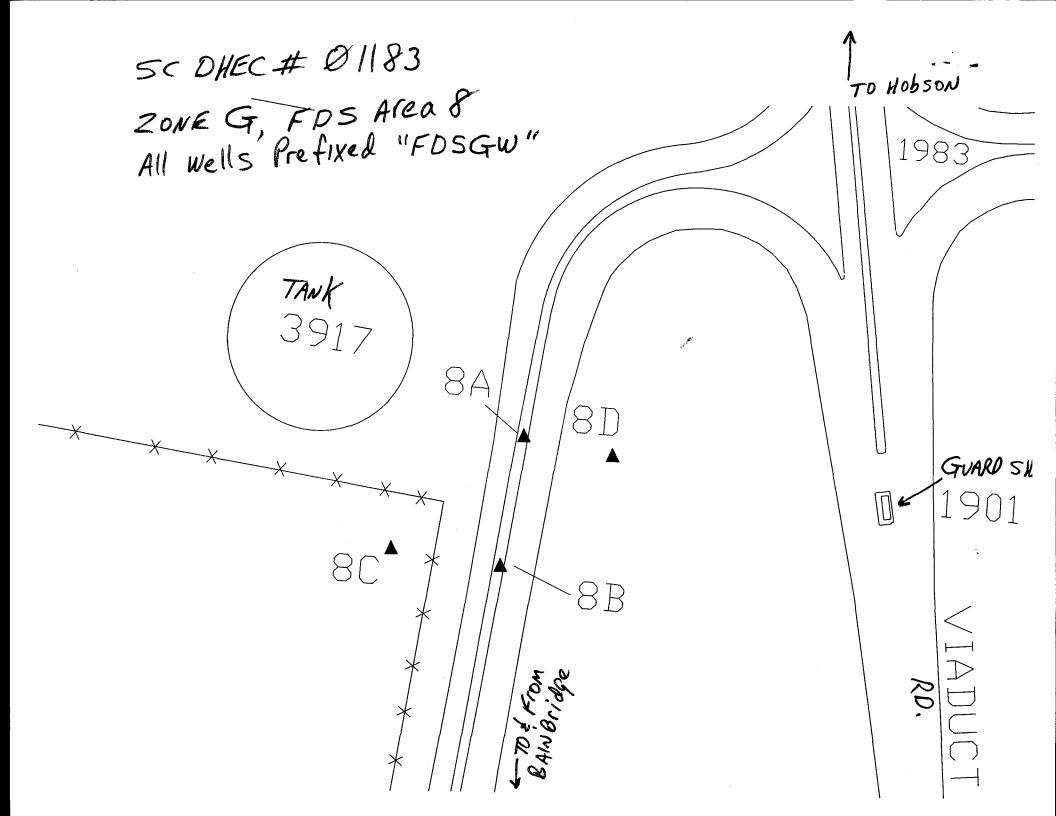
	D	H	$\mathbf{E}$	$\mathbf{C}$
				4
PROMOTE PROTECT PROSPER				

PROMOTE PROTECT PROSPER		2600 Bu	Il Street, Columbia, SC 29201-1708; (803) 734-5300
1. LOCATION OF WELL:			OWNER OF WELL: Department of the Navy
County: Charleston System Name:			Address:
			Telephone No.:
Latitude: Longitu	ide:		Engineer:
Distance and Direction from Road Inter	sections:		Address:
			Telephone No.:
Street Address & City of Well Viadu	ct Road. N. (	Chas	5. WELL DEPTH (completed) Date Started:
Sketch Map:			ft. Date Completed:
Well Number: FDSGW08A			6. Mud Rotary Jetted Bored Dug
See attached map for well le	ocation.		Air Rotary Driven Cable tool Other
			7. USE:  Domestic Public Supply-Permit No Industry
			☐ Irrigation ☐ Air Conditioning ☐ Commercial
			Test Well  Monifor Well
			Diam.: Height: Above/Below
2. CUTTING SAMPLES: Yes	□ No		Type: PVC Calvanized Surface ft.  Steel Other Weight lb./ft.
_			☐ Steel ☐ Other
Geophysical Logs:	ease enclose)		in. toft. depth
Formation Description	*Thickness of	Depth to Bottom of	9. SCREEN
	Stratum	Stratum	Type: Diam.: Slot/Gauge: Length:
_			Set Between:ft. andft. NOTE: MULTIPLE SCREENS
	<del>                                     </del>		ft. andft. USE SECOND SHEET Sigve Analysis
TOUTH			10. STATIC WATER LEVEL
			ft. below land surface after 24 hours
		0 //	/11. PUMPING LEVEL Below Land Surfaceft. afterhrs. PumpingG.P.M.
Water Monitoring, Assessment Protection Division		10/	Pumping Test: Yes (please enclose)
Provitoring Acc		// <u>/</u> //	Yield:
- Totaction Divisi	rle K	οx	12. WATER QUALITY
····si0/1		<sup>7</sup>	Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No Please enclose lab results.
	99/		13. ARTIFICIAL FILTER (gravel pack) ☐ Yes ☐ No
	10 J		Installed fromft.
_			Effective sizeUniformity Coefficient  14. WELL GROUTED?
	\$		☑ Neat Cement ☐ Sand Cement ☐ Concrete ☐ Other
$\mathcal{Y}$			Depth: Fromft. toft.
			15. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ft direction
			Type well disinfected
- P			16. PUMP: Date installed:Not installed 🖸
and well			Mfr. Name: Model No.:
			H.PVoltsLength of drop pipeft. Capacitygpm  TYPE:
			☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal
*Indicate Water Bearing Zones			17. WATER WELL CONTRACTOR'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.
(Use a 2nd sheet if needed)			Registered Business Name: EEG, Inc. Date: 10/11/62
3. REMARKS:			Address: 1345 Barracks Rd., N. Charleston, SC 29405
Zoné G, FDS Area 08, near tank 3917,			Signed: Cert. No.: 1313
SC DHEC # 01183			Authorized Representative



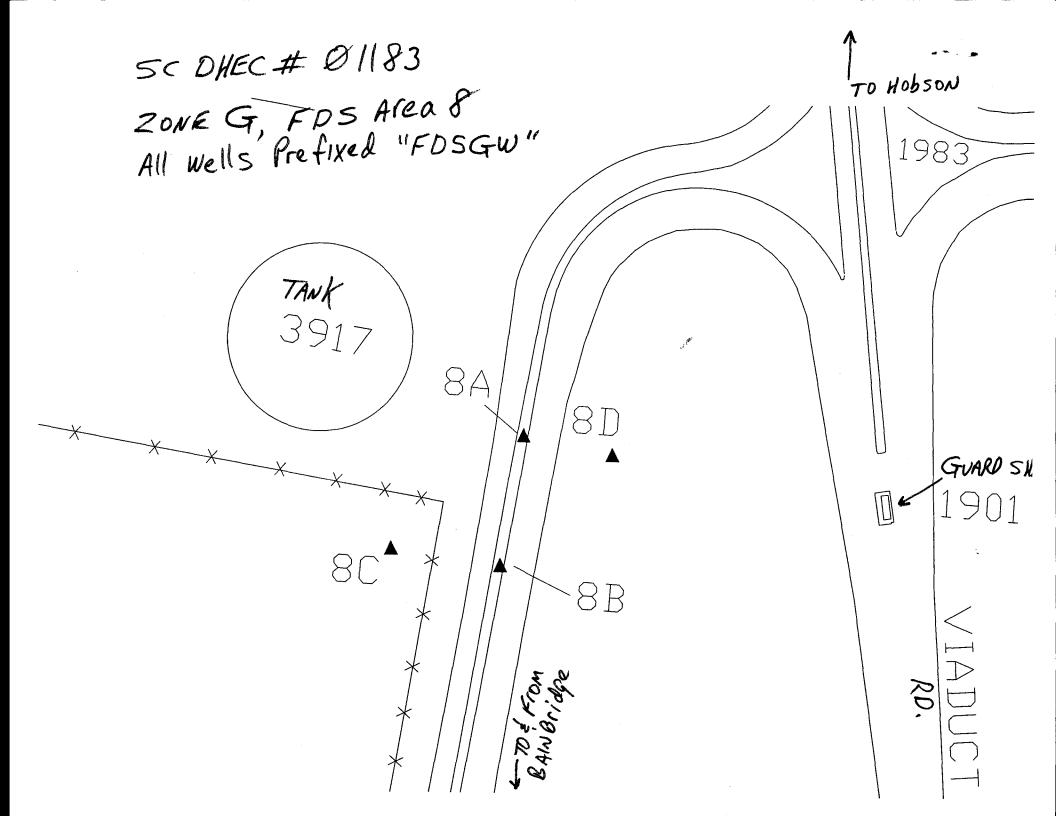
	$\overline{\mathbf{D}}$	H	E	$\mathbf{C}$
i i				
!	PROMO	TE PROT	ECT PRO	SPER

PROMOTE PROTECT PROSPER		2600 Bu	Ill Street, Columbia, SC 29201-1708; (803) 734-5300
1. LOCATION OF WELL:	-		4. OWNER OF WELL: Department of the Navy
County: Charleston System	Name:		Address:
•			Telephone No.:
Latitude: Longitud	de:		Engineer:
Distance and Direction from Road Inters	sections:		Address:
			Telephone No.:
Street Address & City of Well Viaduo	t Road, N.	Chas.	5. WELL DEPTH (completed) Date Started:
Sketch Map:			ft. Date Completed:
Well Number: FDSGW08B			6. Mud Rotary Jetted Bored Dug
See attached map for well lo	ocation.		☐ Air Rotary ☐ Driven
•			7. USE:
			☐ Domestic ☐ Public Supply—Permit No ☐ Industry ☐ Irrigation ☐ Air Conditioning ☐ Commercial
			☐ Test Well ☑ Monitor Well ☐
			8. CASING: Threaded Welded
			Diam.: Height: Above/Below
2. CUTTING SAMPLES: Yes	□ No		Type: PVC Alvanized Surface ft.
2. COTTING SAMIFLES.   Tes	NO		Steel Other Weight _ Ib./ft.
Geophysical Logs:	ease enclose)	Пио	in. to ft. depth   Drive Shoe?
	*Thickness	Depth to	9. SCREEN
Formation Description	of	Bottom of	Type: Diam.:
	Stratum	Stratum	Slot/Gauge: Length:
W To -			Set Between:ft. andft. NOTE: MULTIPLE SCREENS
	2		ft. and ft. USE SECOND SHEET
	7 70		Sie/e Analysis Yes (please enclose) No
23 -			10. STATIC WATER LEVEL
	- J		ft. below land surface after 24 hours  11. PUMPING LEVEL Below Land Surface.
Water - 2 2002		0//	T1. PUMPING LEVEL Below Land Surface. ft. afterhrs. PumpingG.P.M.
Water Monitoring Assess		. \0	Pumping Test: Yes (please enclose)
Protection Division		\1\X	Yield:
Protection Division	]&	\Q\\ \	12. WATER QUALITY
	,	/	Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
	W/		Please enclose lab results.
	3/		13. ARTIFICIAL FILTER (gravel pack) ☐ Yes ☐ No
	an V		Installed fromft. toft.
	9		Effective size Uniformity Coefficient
	//		14. WELL GROUTED? ☐ Yes ☐ No
£)/i	1		☑ Neat Cement ☐ Sand Cement ☐ Concrete ☐ Other
	_		Depth: From
			15. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ft direction
<del></del>	-		Type well disinfected Type:
27/			upon completion No Amount:Not installed
<del></del>			Mfr. Name: Model No.:
$\mathcal{R}/$			H.PVoltsLength of drop pipe ft. Capacitygpm
			TYPE: Submersible Jet (shallow) Turbine
<b>&gt;</b>			☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal
*Indicate Water Bearing Zones			17. WATER WELL CONTRACTOR'S CERTIFICATION: This well was drilled under
			my direction and this report is true to the best of my knowledge and belief.
(Use a 2nd sheet if needed)			Registered Business Name: EEG, Inc. Date: 10/11/02
3. REMARKS: Zope G, FDS Area 08, near tank 3917, SC DHEC # 01183			Address: 1345 Barracks Rd., N. Charleston, SC 29405
		•	Signed: Cert. No.: 1315
			Authorized Representative





PROMOTE PROTECT PROSPER	2600 Bu	III Street, Columbia, SC 29201-1708; (803) 734-5300
1. LOCATION OF WELL:		4. OWNER OF WELL: Department of the Navy
County: Charleston System	Name:	Address:
		Telephone No.:
Latitude: Longitu	de:	Engineer:
Distance and Direction from Road Inter	sections:	Address:
		Telephone No.:
Street Address & City of Well Viadue	ct Road, N. Chas.	5. WELL DEPTH (completed) Date Started:
Sketch Map:		ft. Date Completed:
Well Number: FDSGW08C		6. Mud Rotary Jetted Bored Dug
See attached map for well le	ocation.	☐ Air Rotary ☐ Driven ☐ Cable tool ☐ Other
		7. USE:  Domestic Public Supply-Permit No Industry
		☐ Irrigation ☐ Air Conditioning ☐ Commercial
		☐ Test Well ☑ Monjifor Well ☐
		8. CASING: Threaded Welded
		Diam.: Height: Above/Below
2. CUTTING SAMPLES: Yes	□ No	Type: PVC dalvanized Surfaceft.  Steel Other Weight lb./ft.
_ :::	<b>-</b>	☐ Steel ☐ Other Weight _ lb./ft lb./ft in. to _ ft. depth Drive Shoe? ☐ Yes ☐ No
Geophysical Logs:	ease enclose) 🔲 No	in. toft. depth
	*Thickness Depth to	9. SCREEN
Formation Description	of Bottom of	Type: Diam.:
<u> </u>	Stratum Stratum	Slot/Gauge: Length:
		Set Between:ft. andft. NOTE: MULTIPLE SCREENS
		ft. andft. USE SECOND SHEET Sieve Analysis Yes (please enclose) No
		10. STATIC WATER LEVEL
4 0		ft. below land surface after 24 hours
Melo OCT STONE STONE	9 D	11. PUMPING LEVEL Below Land Surface.
1/2 2	2//	ft. afterhrs. Pumping G.P.M.
Pro Mori Sin	\0\\ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Pumping Test: ☐ Yes (please enclose) ☐ No
10 July 10 10 10 10 10 10 10 10 10 10 10 10 10		Yield:
	Oy	12. WATER QUALITY
Julion School of		Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
		Please enclose lab results.
•	3//	13. ARTIFICIAL FILTER (gravel pack) ☐ Yes ☐ No
	0	Installed fromft. toft.
	14	Effective size Uniformity Coefficient  14. WELL GROUTED?
()	<del>//                                    </del>	✓ Neat Cement ☐ Sand Cement ☐ Concrete ☐ Other
$\mathcal{N}_{\mathcal{I}}$	1	Depth: Fromft. toft.
23/		15. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ft direction
		Type well disinfected Tyes Type:
34/		upon completion No Amount:
્રુઇ/		16. PUMP: Date installed: Not installed 🗹
2/		Mfr. Name: Model No.:
· Pk		H.PVoltsLength of drop pipe ft. Capacitygpm
<b>X</b>		TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal
*Indicate Water Bearing Zones		<ol> <li>WATER WELL CONTRACTOR'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.</li> </ol>
(Use a 2nd sheet if needed)		Registered Business Name: EEG, Inc. Date: 10/11/02
3. REMARKS:		
Zope G, FDS Area 08, near tank 3917,		Address: 1345 Barracks Rd., N. Charleston, SC 29405
SC DHEC # 01183		Signed: Cert. No.: 13/5
90 51120 # 01 100		Authorized Representative





2600 Bull Street, Columbia, SC 29201-1708; (803) 734-5300 /

PROMOTE PROTECT PROSPER	11 Ot 000, Goldmold, GO 20201 11 Oc, (GOO) 10 1 GOO
1. LOCATION OF WELL:	4. OWNER OF WELL: Department of the Navy
County: Charleston System Name:	Address:
	Telephone No.:
Latitude: Longitude:	Engineer:
Distance and Direction from Road Intersections:	Address:
	Telephone No.:
Street Address & City of Well Viaduct Road, N. Chas.	5. WELL DEPTH (completed) Date Started:
Sketch Map:	ft Bata Completed
•	ft.
Well Number: FDSGW08D	
See attached map for well location.	Air Rotary Driver Cable tool Other
	7. USE:
	☐ Irrigation ☐ Ail Conditioning ☐ Commercial
	☐ Test Well ☐
	8. CASING: Threaded Welded
	Diam.: Height: Above/Below
2. CUTTING CAMPLED. TOY.	Type: 🔲 PWC 🖊 💆 Galvanized Surface ft.
2. CUTTING SAMPLES: Yes No	☐ Steel ☐ Other Weight lb./ft. ☐
	in.  ft. depth   Drive Shoe?  Yes No
Geophysical Logs: Yes (please enclose) No	ft. depth
*Thickness Depth to	9. SCREEN V
Formation Description of Bottom of Stratum	ype:
Stratum	Sloreauge: Length:
25.	Set Setween:ft. andft. NOTE: MULTIPLE SCREENSft. andft. USE SECOND SHEET
	Sieve Analysis Yes (please enclose) No
	119. STATIC WATER LEVEL
	ft. below land surface after 24 hours
	11. PUMPING LEVEL Below Land Surface.
	ft. afterhrs. PumpingG.P.M.
	Pumping Test: Yes (please enclose)
	Yield:
	12. WATER QUALITY
	Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
	Please enclose lab results.
~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	13. ARTIFICIAL FILTER (gravel pack) ☐ Yes ☐ No
-9/	Installed fromft.
	Effective size Uniformity Coefficient
	14. WELL GROUTED? Yes No
. 3	✓ Neat Cement ☐ Sand Cement ☐ Concrete ☐ Other
<b>√</b> & <b>&gt;</b>	Depth: From ft. to ft.
	15. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ft direction
<b>₯</b>	Type well disinfected  Yes Type:
У	upon completion  No Amount:
	16. PUMP: Date installed: Not installed ☑
	Mfr. Name: Model No.:
	H.PVoltsLength of drop pipe ft. Capacitygpm
	TYPE: Submersible Jet (shallow) Turbine
	☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal
*Indicate Water Regging Zones	17. WATER WELL CONTRACTOR'S CERTIFICATION: This well was drilled under
*Indicate Water Bearing Zones	my direction and this report is true to the best of my knowledge and belief/
(Use a 2nd sheet if needed)	Registered Business Name: EEG, Inc. Date: 10/14/17
3. RZMARKS:	
Zore G, FDS Area 08, near tank 3917,	Address: 1345 Barracks Rd., N. Charleston, SC 29405
2016 G, FDS Area 06, near tank 3917, 9C DHEC # 01183	Signed: Cert. No.: 13/15
	Signed: Cert. No.:
Comparison of the Comparison o	

